

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

2/3/07

Stylesheet Version v18.0

Title of Invention	REMEDIATION METHOD
Application Number :	09/080684
Confirmation Number:	9660
First Named Applicant:	Thomas Mikus
Attorney Docket Number:	5119-04801
Art Unit:	3673
Examiner:	Sunil Singh
Search string:	( 5547311 or 5193934 or 4973811 or 5076727 or 5152341 or 5190405 or 5271693 or 4984594 or 5244310 or 5169263 or 2902270 or 3181613 or 5060287 or 5255742 or 5228804 or 5340236 or 5360067 or 5558463 or 5613452 or 5788412 or 5829918 or 5114497 or 5209604 or 5221287 or 5229583 or 5233164 or 5318116 or 5553189 or 5656239 or 5660500 or 5674424 or 6632047 or 6824328 or 6485232 or 6419423 or 6102622 or 5997214 or 6543539 or 2777679 or 4423323 or 4860544 or 5569154 or 6543539 or 3684037 or 5249368 or 5193934 or 4704514 or 5348422 or 5305239 or 20040228688 or 20040228689 or 20040228690 or 20040126190 or 20040120771 or 20030110794 or 20040120772 or 20030136558 or 20030110794 or 20030192691 ).pn

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
SS	1	5547311	1996-08-20	Kenda			
SS	2	5193934	1993-03-16	Johnson et al.			
SS	3	4973811	1990-11-27	Bass			
SS	4	5076727	1991-12-31	Johnson et al.			
SS	5	5152341	1992-10-06	Kasevich			
SS	6	5190405	1993-03-02	Vinegar et al.			
SS	7	5271693	1993-12-21	Johnson et al.			
SS	8	4984594	1991-01-15	Vinegar et al.			
SS	9	5244310	1993-09-14	Johnson			
SS	10	5169263	1992-12-08	Johnson et al.			
SS	11	2902270	1959-09-01	Salomonsson et al.			
SS	12	3181613	1965-05-04	Krueger			
SS	13	5060287	1991-10-22	Van Egmond			
SS	14	5255742	1993-10-26	Mikus			
SS	15	5228804	1993-07-20	Balch			
SS	16	5340236	1994-08-23	Ikenberry			

SS	17	5360067	1994-11-01	Meo, III			
SS	18	5558463	1996-09-24	Geisel			
SS	19	5613452	1997-03-25	Marchesi et al.			
SS	20	5788412	1998-08-04	Jatkar			
SS	21	5829918	1998-11-03	Chintis			
SS	22	5114497	1992-05-19	Johnson et al.			
SS	23	5209604	1993-05-11	Chou			
SS	24	5221287	1993-06-22	Reinert			
SS	25	5229583	1993-07-20	Van Egmond et al.			
SS	26	5233164	1993-08-03	Dicks et al.			
SS	27	5318116	1994-06-07	Vinegar et al.			
SS	28	5553189	1996-09-03	Stegemeier et al.			
SS	29	5656239	1997-08-12	Stegemeier et al.			
SS	30	5660500	1997-08-26	Marsden, Jr. et al.			
SS	31	5674424	1997-10-07	Iben et al.			
SS	32	6632047	2003-10-14	Vinegar et al.			
SS	33	6824328	2004-11-30	Vinegar et al.			
SS	34	6485232	2002-11-26	Vinegar et al.			
SS	35	6419423	2002-07-16	Vinegar et al.			
SS	36	6102622	2000-08-15	Vinegar et al.			
SS	37	5997214	1999-12-07	de Rouffignac et al.			
SS	38	6543539	2003-04-08	Vinegar et al.			
SS	39	2777679	1957-01-15	Ljungstrom			
SS	40	4423323	1983-12-27	Ellis et al.			
SS	41	4860544	1989-08-29	Krieg et al.			
SS	42	5569154	1996-10-29	Navetta			
SS	43	6543539	2003-04-08	Vinegar et al.			
SS	44	3684037	1972-08-15	Bodine			
SS	45	5249368	1993-10-05	Bertino et al.			
SS	46	5193934	1993-03-16	Johnson et al.			→
SS	47	4704514	1987-11-03	Van Egmond et al.			
SS	48	5348422	1994-09-20	Manchak III et al.			
SS	49	5305239	1994-04-19	Kinra			

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
SS	1	20040228688	2004-11-18	Stegemeier et al.			
SS	2	20040228689	2004-11-18	Stegemeier et al.			
SS	3	20040228690	2004-11-18	Stegemeier et al.			
SS	4	20040126190	2004-07-01	Stegemeier et al.			

SS	5	20040120771	2004-06-24	Vinegar et al.			
SS	6	20030110794	2003-06-19	Stegemeier et al.			
SS	7	20040120772	2004-06-24	Vinegar et al.			
SS	6	20030136558	2003-07-24	Wellington et al.			
SS	9	20030110794	2003-06-19	Stegemeier et al.			
SS	10	20030192691	2003-10-16	Vinegar et al.			

### Remarks

Note: Remarks are not for responding to an office action.

Other art will be sent on a Form PTO-1449. Part 1 of 2 electronic IDS. The fee authorization included in this submission is for all IDS submitted on this date.

### Signature

Examiner Name	Date
Sanil Singh	4/16/05

\* considered above

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of Invention	REMEDIATION METHOD	213105					
Application Number :	09/080684						
Confirmation Number:	9660						
First Named Applicant:	Thomas Mikus						
Attorney Docket Number:	5119-04801						
Art Unit:	3673						
Examiner:	Sunil Singh						
Search string:	( 4380930 or 4598392 or 4577503 or 5403119 or 5545803 or 5362397 or 4017309 or 5067852 or 5753494 or 4276164 or 5836718 or 5779762 or 4641028 or 5435666 or 4974425 or 4500327 or 4842448 or 5232951 or 6688387 or 4670634 or 5251700 or 5256208 or 5261765 or 5441365 or 5615974 or 5813799 or 5067852 ).pn						
<b>US Patent Documents</b>							
<b>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</b>							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
SS	1	4380930	1983-04-26	Podhrasky et al.			
SS	2	4598392	1986-07-01	Pann			
SS	3	4577503	1986-03-25	Imaino et al.			
SS	4	5403119	1995-04-04	Hoyle			
SS	5	5545803	1996-08-13	Heath et al.			
SS	6	5362397	1994-11-08	Cyr			
SS	7	4017309	1997-04-12	Johnson			
SS	8	5067852	1991-11-26	Plunkett			
SS	9	5753494	1998-05-19	Hater et al.			
SS	10	4276164	1981-06-30	Martone et al.			
SS	11	5836718	1998-11-17	Price			
SS	12	5779762	1998-07-14	Kohr et al.			
SS	13	4641028	1987-02-03	Taylor et al.			
SS	14	5435666	1995-07-25	Hassett et al.			
SS	15	4974425	1990-12-04	Krieg et al.			
SS	16	4500327	1985-02-19	Nishino et al.			
SS	17	4842448	1989-06-27	Koerner et al.			
SS	18	5232951	1993-08-03	Pfingstl et al.			
SS	19	6688387	2004-02-10	Wellington et al.			
SS	20	4670634	1987-06-02	Bridges et al.			
SS	21	5251700	1993-10-12	Nelson et al.			

SS	22	5256208	1993-10-26	Rafson			
SS	23	5261765	1993-11-16	Nelson			
SS	24	5441365	1995-08-15	Duffney et al.			
SS	25	5615974	1997-04-01	Land et al.			
SS	26	5813799	1998-09-29	Calcote et al.			
*	27	5067852	1991-11-26	Plunkett			

### Remarks

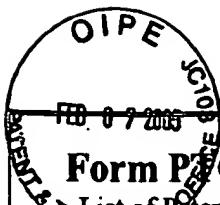
Note: Remarks are not for responding to an office action.

Fee authorization submitted with electronic IDS EFS No.: 77342

### Signature

Examiner Name	Date
Sunit Singh	4/15/05

\* considered above



2/11/05

Page 1 of 1

<b>Form PTO-1449 (modified)</b> <small>List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)</small>	<b>ATTY. DOCKET NO:</b> 5119-04801 <b>APPLICANT:</b> Mikus et al. <b>FILING DATE:</b> May 18, 1998	<b>SERIAL NO:</b> 09/080,684 <b>ART UNIT:</b> 3673 <b>CONFIRM. NO.:</b> 9660
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### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION. YES/NO
SS	A1	DE 3716275	11/24/1988	Germany			
SS	A2	DE 3716275	11/24/1988	Germany			Abstract
SS	A4	1 366 357	9/11/1974	Great Britain			
SS	A5	EP 0 592 255	4/13/1994	Europe			
SS	A6	EP 0 592 255	4/13/1994	Europe			Abstract

### OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SS	A3	Patent Cooperation Treaty Communication, International Search Report for International Application No. PCT/EP 98/03017 mailed on September 16, 1998.
SS	A7	Patent Cooperation Treaty Communication, International Search Report for International Application No. PCT /US02/34273 mailed 2/18/2003, 3 pages.
SS	A8	Patent Cooperation Treaty Communication, International Search Report for International Application PCT / US02/34199 mailed 7/2/2003, 8 pages.
SS	A9	Patent Cooperation Treaty Communication, International Search Report for International Application PCT/US04/15260 mailed January 4, 2005, 7 pages.
SS	A10	Patent Cooperation Treaty Communication, International Opinion of the International Searching Authority for International Application PCT/US04/15260 mailed January 4, 2005, 3 pages.
SS	A11	Heron et al., "Soil Heating for Enhanced Remediation of Chlorinated Solvents: A Laboratory Study on Resistive Heating and Vapor Extraction in a Silty, Low-Permeable Soil Contaminated with Tricholoroethylene"; Environmental Science and Technology; May 15, 1998, 32(10); pp. 1474-1481.
SS	A12	Vinegar et al., "Remediation of Deep Soil Contamination using Thermal Vacuum Wells," © 1997. Society of Petroleum Engineers, pp. 905-918.
SS	A13	Vinegar et al., "In Situ Thermal Desorption using Thermal Wells and Blankets," May 1998, 1 pg.

EXAMINER: Sunil SinghDATE CONSIDERED: 4/15/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.